| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 1 | 2833 | object with window with (light or illuminat$4) | USPAT; DERWENT | 2003/09/08 12:39 |
| 2 | 66 | (object with window with (light or illuminat$4)) and (detect$4 near3 light near amount) | USPAT; DERWENT | 2003/09/08 12:39 |
| 3 | 0 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and ((object near presen$4) with (light near amount)) | USPAT; DERWENT | 2003/09/08 12:40 |
| 5 | 0 | (((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (object near presen$4) ) and reader | USPAT; DERWENT | 2003/09/08 12:41 |
| 6 | 1 | (((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (object near presen$4) ) and reading | USPAT; DERWENT | 2003/09/08 12:41 |
| 4 | 2 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (object near presen$4) | USPAT; DERWENT | 2003/09/08 12:46 |
| 7 | 23 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (read$4 with control) | USPAT; DERWENT | 2003/09/08 12:53 |
| 8 | 1 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (read$4 with control with function) | USPAT; DERWENT | 2003/09/08 12:44 |
| 9 | 12 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (read$4 near4 control) | USPAT; DERWENT | 2003/09/08 12:51 |
| 10 | 3900 | "19" and (object near presen$4) | USPAT; DERWENT | 2003/09/08 12:47 |
| 11 | 0 | (((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (read$4 near4 control) ) and (object near presen$4) | USPAT; DERWENT | 2003/09/08 12:47 |
| 12 | 1 | (((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (read$4 near4 control) ) and presence | USPAT; DERWENT | 2003/09/08 12:47 |
| 14 | 3 | (compar$5 with (light near amount) with presence with object) andwindow | USPAT; DERWENT | 2003/09/08 12:51 |
| 15 | 0 | (compar$5 with (light near amount) with presence with object) and window | USPAT; DERWENT | 2003/09/08 12:52 |
| 13 | 3 | compar$5 with (light near amount) with presence with object | USPAT; DERWENT | 2003/09/08 12:54 |
| 16 | 1 | (compar$5 with (light near amount) with presence with object) and (read$4 with control) | USPAT; DERWENT | 2003/09/08 12:53 |
| 17 | 0 | ((object with window with (light or illuminat$4)) and (detect$4 near3 light near amount)) and (compar$5 with (light near amount) with presence with object) | USPAT; DERWENT | 2003/09/08 12:54 |

C:\APPS\EAST\workspaces\~Default EAST 1600x1200.wsp

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**Time:** 13:02

| | U | 1 | Document ID | Issue Date | Pages | Title |
|---|---|---|---|---|---|---|
| 1 | ☐ | ☐ | US 6084524 A | 20000704 | 20 | Photoelectric detection switch |
| 2 | ☐ | ☐ | US 5016117 A | 19910514 | 46 | Optical reader having apparatus for discrimination between dither-matrix and non-dither-matrix reading areas, and/or means for determining light emitter drive power values by using reference reflector surface |
| 3 | ☐ | ☐ | US 3877821 A | 19750415 | 7 | Apparatus for detecting flaws using an array of photo sensitive devices |

| | Current OR | Current XRef | Retrieval Classif | Inventor | S | C | P | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 340/674 | 250/222.2; 340/644; 340/673 | | Sato, Norihito | ☒ | ☐ | ☐ | ☐ | ☐ |
| 2 | 358/2.1 | 358/443 | | Matsumoto, Takayuki et al. | ☒ | ☐ | ☐ | ☐ | ☐ |
| 3 | 356/237.1 | 250/214.1; 250/559.46; 348/125 | | Price, Stephen E. et al. | ☒ | ☐ | ☐ | ☐ | ☐ |

| | 4 | 5 | Image Doc. Displayed | PT |
|---|---|---|---|---|
| 1 | ☐ | ☐ | US 6084524 | ☐ |
| 2 | ☐ | ☐ | US 5016117 | ☐ |
| 3 | ☐ | ☐ | US 3877821 | ☐ |

| | U | 1 | Document ID | Issue Date | Pages | Title |
|---|---|---|---|---|---|---|
| 1 | ☐ | ☐ | US 5831529 A | 19981103 | 6 | Security system implemented with an anti-masking dector using light guides |
| 2 | ☒ | ☐ | US 4521685 A | 19850604 | 13 | Tactile sensor for an industrial robot or the like |

| | Current OR | Current XRef | Retrieval Classif | Inventor | S | C | P | 2 | 3 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 340/555 | 250/DIG.1 ; 340/506; 340/693.5 ; 385/12 | | Pantus, Mathias M.J. | ☒ | ☐ | ☐ | ☐ | ☐ |
| 2 | 250/229 | 414/5; 901/33 | | Rebman, Jack | ☐ | ☐ | ☐ | ☐ | ☐ |

| | 4 | 5 | Image Doc. Displayed | PT |
|---|---|---|---|---|
| 1 | ☐ | ☐ | US 5831529 | ☐ |
| 2 | ☐ | ☐ | US 4521685 | ☐ |